

Amendment to Claims

This Listing of Claims will replace all prior versions and listings of claims in the Application.

Please cancel claims 24-57, and add claims 58 – 91.

LISTING OF CLAIMS

Claims 1-13 (Canceled), Claims 14-23 (Withdrawn), and Claims 24- 57 (Canceled) and

58. (New) A moisture curable adhesive, comprising:
 - a) polymer or copolymer selected from polyalkyl oxide; polyalkane, alkene, alkyne; polymers of alkyl monomers of styrene, or polymers of acrylics and having reactive silicon end groups;
 - b) about 5 to about 90 weight percent of a filler having fumed silica with a surface area of less than 250 m²/gram; and
 - c) about 0.01 to about 10 percent by weight of a dehydrating agent.
59. (New) The moisture curable adhesive in claim 58, wherein the adhesive has a viscosity of from about 1,000 to about 500,000 centipoise.
60. (New) The moisture curable adhesive in claim 58, wherein the adhesive has a viscosity of from about 1,000 to about 200,000 centipoise.
61. (New) The moisture curable adhesive in claim 58, wherein the amount of filler is from about 20 to about 85 percent by weight.
62. (New) The moisture curable adhesive in claim 58, wherein the amount of filler is from about 35 to about 85 percent by weight.
63. (New) The moisture curable adhesive in claim 58, wherein the amount of filler is from about 43 to about 85 percent by weight.
64. (New) The moisture curable adhesive in claim 58, wherein the amount of filler is from about 60 to about 85 percent by weight.

65. (New) The moisture curable adhesive in claim 58, wherein the filler includes a filler having a surface area of less than 150 m²/gram.
66. (New) The moisture curable adhesive in claim 58, wherein the filler includes a filler having a surface area of less than 75 m²/gram.
67. (New) The moisture curable adhesive in claim 58, wherein the filler includes a filler having a surface area of less than 50 m²/gram.
68. (New) The moisture curable adhesive in claim 58, wherein the filler with the surface area less than 250 m²/grams is fumed amorphous silica.
69. (New) The moisture curable adhesive in claim 58, which further includes calcium carbonate as a filler.
70. (New) The moisture curable adhesive in claim 58 which has further fillers selected from: zinc oxide; reinforcing, semi-reinforcing, and non-reinforcing carbon blacks; white carbon; expanded graphite powders; powdery graphite; crystalline silica; molten silica; silicates; chalk; calcium carbonate, limestone; talc; mica; alumina; aluminum hydroxide; zirconia; titanium dioxide; wollastonite; feldspar; aluminum silicate; solid ceramic microspheres, hollow ceramic and plastic spheres; metal powders and microbeads; wood flour; dolomite; organic or inorganic pigments, or combinations thereof.
71. (New) The moisture curable adhesive in claim 58, wherein the adhesive further comprises at least one of a catalyst; anti-oxidants, lubricants, extenders, biocides, adhesion promoters, UV absorbers and stabilizers.
72. (New) The moisture curable adhesive in claim 58, wherein the catalyst is present in an amount from about 0.01 to about 2.5 percent by weight.

73. (New) The moisture curable adhesive in claim 58, wherein the dehydrating agents is selected from vinyl trimethoxsilane, any vinyl alkoxy silane, or inorganic or organic zeolites.
74. (New) The moisture curable adhesive in claim 58, wherein the adhesion promoter is present in an amount of about 0.01 to about 5 % by weight.
75. (New) The moisture curable adhesive in claim 58, wherein the anti-oxidant is present in an amount from about 0.01 to about 4 % by weight.
76. (New) The moisture curable adhesive in claim 58, wherein the polymer or copolymer having reactive silicon end groups is present in an amount of about 10 to about 50 percent by weight.
77. (New) The moisture curable adhesive in claim 58, wherein the polymer or copolymer having reactive silicon end groups has reactive silicon end groups selected from triethoxsilane, methyldiethoxsilane, trisilanol, alkoxy silane, multi-silanol, or combinations thereof.
78. (New) The moisture curable adhesive in claim 58, wherein the polymer or copolymer having reactive silicon end groups is present in an amount of about 50 to about 90 percent by weight.
79. (New) The moisture curable adhesive in claim 58, wherein an anti-oxidant is present in an amount from about 0.01 to about 4 % by weight.
80. (New) A moisture curable adhesive, comprising:
 - a) a polymer or copolymer having reactive silicon end groups;
 - b) from about .01 to about 50 percent by weight of a clear filler that will not substantially interfere with the production of clear adhesive selected from: i) fumed silica with a surface area of less than 150

m^2/gram , or a clear filler having a surface area from 75 to less than $250 \text{ m}^2/\text{gram}$; and

c) from about 0.01 to about 10 percent by weight of a dehydrating agent; and

wherein the moisture curable adhesive has a viscosity from about 1,000 to about 200,000 centipoise and a glass transition temperature of less than about -20°C ., and a service temperature range of about -60°C to about 160°C .

81. (New) The moisture curable adhesive in claim 80, wherein the clear filler is fumed amorphous silica.

82. (New) The moisture curable adhesive in claim 80, wherein the polymer or copolymer having reactive silicon end groups is present in an amount of about 50 to about 90 percent by weight.

83. (New) The moisture curable adhesive in claim 80, wherein the polymer or copolymer having reactive silicon end groups has reactive silicon end groups selected from triethoxysilane, methyldiethoxysilane, trisilanol, alkoxy silane, multi-silanol, or combinations thereof.

84. (New) The moisture curable adhesive in claim 80, wherein the amount of filler is from about 5 to about 20 percent by weight.

85. (New) The moisture curable adhesive in claim 80, wherein the filler includes a filler having a surface area of less than $75 \text{ m}^2/\text{gram}$

86. (New) The moisture curable adhesive in claim 80, wherein the filler includes a blend of fillers one having a surface area of $50 \text{ m}^2/\text{gram}$ and another one having a surface area of $110 \text{ m}^2/\text{gram}$.

87. (New) The moisture curable adhesive in claim 80, wherein the adhesive further comprises at least one of a catalyst; anti-oxidants, lubricants, extenders, biocides, adhesion promoters, UV absorbers and stabilizers.
88. (New) The moisture curable adhesive in claim 80, wherein the catalyst is present in an amount from about 0.01 to about 2.5 percent by weight.
89. (New) The moisture curable adhesive in claim 80, wherein the dehydrating agents is selected from vinyl trimethoxysilane, any vinyl alkoxy silane, or inorganic or organic zeolites.
90. (New) The moisture curable adhesive in claim 80, wherein an adhesion promoter is present in an amount of about 0.01 to about 5 % by weight.
91. (New) A moisture curable adhesive, comprising:
 - a) a polymer or copolymer having reactive silicon end groups;
 - b) from about .01 to about 50 percent by weight of a blend of fumed amorphous silica fillers one having a surface area of 50 m²/gram and another one having a surface area of 110 m²/gram; and
 - c) from about 0.01 to about 10 percent by weight of a dehydrating agent; andwhere the viscosity of the adhesive is in the range of 1,000 to about 200,000 centipoise.